

Minnesota Pollution Control Agency

October 16, 1984

EPA Region 5 Records Ctr.



347806

Mr. Dennis Thorson
AFC, Incorporated
Highway 52 South
Chatfield, Minnesota 55923

Mr. Rich Peter
Olmsted County Sanitary Landfill
Olmsted County Health Department
Rochester, Minnesota 55901

Gentlemen:

Re: Codisposal Request Approval

Based on all the information and the certifications contained in your request for codisposal of nonhazardous industrial waste received on October 2, 1984, the following approvals are hereby granted by the Minnesota Pollution Control Agency (MPCA):

1. MPCA approval is hereby granted to AFC, Incorporated to dispose of dehydrated settling pond sludge at the Olmsted County Sanitary Landfill, SW-5.
2. MPCA approval is hereby granted to Olmsted County Sanitary Landfill, SW-5 located at Section 27 and 28, T108N, R14W, Oronoco Township, Olmsted County, Minnesota to accept for disposal AFC, Incorporated's dehydrated settling pond sludge.

MPCA approval is subject to the following conditions:

1. Disposal shall be limited to 400 cubic yards, disposed bienially, of dehydrated settling pond sludge as identified on the Codisposal Request Form dated September 28, 1984.
2. Disposal of this waste in the landfill shall be conducted in accordance with all applicable laws and MPCA rules and the terms of the permit.

Reasonable measures shall be taken by the generator prior to shipment of the waste and by the landfill operator prior to disposal of the waste to verify

Phone: 612/296-7337

1935 West County Road B2, Roseville, Minnesota 55113-2785

Regional Offices • Duluth/Brainerd/Detroit Lakes/Marshall/Rochester

Equal Opportunity Employer



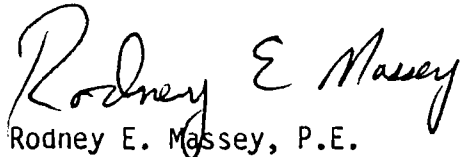
Mr. Dennis Thorson
Mr. Rich Peter
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that the materials are nonliquid and are the same as those listed in the codisposal request. The amounts of waste received and the method of disposal are to be reported on the permittee's quarterly operation report submitted to the MPCA.

This approval authorizes the generator and permittee to perform the activities described herein under the conditions set forth. In issuing this approval, the State/MPCA assumes no responsibility for any damage to person, property or the environment caused by the activities of the permittee in the conduct of its actions, including those activities authorized, directed or undertaken pursuant to this approval. To the extent the State/MPCA may have any liability for the activities of its employees, that liability is explicitly limited to that provided in the Torts Claims Act, Minnesota Statute § 3.736 (1982).

If you have any questions or comments, please contact Rita Paquette of my staff at 612/296-7337.

Sincerely,

A handwritten signature in black ink that reads "Rodney E. Massey". The signature is written in a cursive, flowing style.

Rodney E. Massey, P.E.
Chief, Regulatory Compliance Section
Solid and Hazardous Waste Division

REM/RMP:ch

cc: Chuck Michaels, Olmsted County, Rochester
Larry Landherr, MPCA, Rochester



ALIGNED FIBER COMPOSITES
Highway 52 South, Chatfield, MN 55923
Telephone 507/867-3479

10-1-84

Stephen Lee
Solid and Hazardous Waste Division
Minnesota Pollution Control Agency
1935 West County Road B2
Roseville, MN 55113

Dear Mr. Lee,

I have received the completed codisposal
form for Non Hazardous Industrial Waste from
Charles Michael at Olmsted County and am
sending it to you.

Again, if you have any questions, please
call me at AFC.

Sincerely,

Dennis Thorson

Dennis Thorson
Safety Engineer

WORKING TOGETHER FOR TOMORROW'S PRODUCT . . . TODAY

I certify that this request to codispose of AFC., Inc.'s (company) nonhazardous industrial waste is complete and that to the best of my knowledge and belief the information contained herein is true and accurate. I understand that the Director must grant approval of this request prior to disposal and if approved, the Director may impose certain conditions on the disposal which are not included in this request. I also certify that if the Director approval is granted, only those wastes in the quantities, amounts, and form identified on page one of this request will be sent to the landfill for disposal. If a waste is approved for continuous disposal, and if for any reason the generator becomes aware of a change in the chemical composition, properties, or the process producing the waste, the generator agrees to notify the Director of the change and provide an updated waste analysis if required by the Director.

Signature <i>Dennis Thorson</i>	Title Safety Engineer	Date 9-11-84
Typed Name, Address, and Telephone Number of Authorized Official AFC, Inc. Dennis Thorson Hwy. 52 South, Chatfield, Mn 55923 507/867-3479		

Landfill Permittee Request

This is an official request of the Olmsted County Landfill, SW-5 (Amended), (landfill name, permit number) to accept and dispose, if approved by the Director, AFC, Inc.'s (company name) nonhazardous industrial waste referenced on the reverse side. The needed requirements for the request are completed below.

Location of Landfill: Section 27, 28, T 108N, R 14 W, in Oronoco Township of Olmsted County.

Disposal Method: ("X" one) ☒ Codisposal ☐ Separate Disposal ☐ Land Application

<u>Waste Name(s)</u>	<u>Method of Disposal</u> (daily covering, compaction, mix with refuse, etc.)
a. <u>Dehydrated settling pond sludge</u>	<u>Mix with municipal waste, compact and cover daily</u>
b. _____	_____
c. _____	_____
d. _____	_____

Landfill Certification:

I certify that this request of Olmsted County Landfill, SW-5, (landfill name, permit number) to accept and dispose, if approved by the Director, AFC, Inc.'s (company name) nonhazardous industrial waste is complete and that to the best of my knowledge and belief the information contained herein is true and accurate. I understand that this request for disposal must be approved by the Director before disposal will be allowed.

Signature <i>Charles R. Michael</i>	Title Environmental Engineer	Date 9/28/84
Typed Name, Address, and Telephone Number of Authorized Official (507)285-8231 Charles R. Michael, P.E. - 1421 Third Avenue SE, Rochester, MN 55904		

Minnesota Pollution Control Agency
Solid and Hazardous Waste Division
1935 West County Road B2
Roseville, Minnesota 55113



REQUEST FOR DISPOSAL OF
NONHAZARDOUS INDUSTRIAL WASTE

▶ Read instructions on attached sheet.

This is an official request of :

Company Name

AFC, INC. Chatfield, MN 55923

to dispose of nonhazardous industrial waste at:

Landfill Name

Olmsted County Landfill

Waste Name

Dehydrated Settling Pond Sludge

Landfill Permit Number

SW 5 Amended

Process Which Produces Waste

Cutting of Structural Fiberglass Product

Quantity and Frequency of Disposal

400 Cu. Yds. Biennial

Packaging: ☒ Bulk ☐ Drums ☐ Bags/Cartons

☐ Open ☐ Sealed ☐ Other (specify) _____

Physical state: ☒ Solid ☐ Liquid ☐ Semi-Solid

Hazards*: ☐ Explosive ☐ Irritative ☐ Oxidative

☐ Flammable (flashpoint) _____ ☐ Corrosive (pH) _____

☐ Toxic (Oral LD₅₀) _____ (Dermal LD₅₀) _____
(Inhalation) _____ (Aquatic) _____

*For flammable, corrosive, and toxic, check the appropriate hazard and enter the value behind the appropriate parameter in parenthesis.

Chemical Evaluation

Parameter	Chemical Composition (mg/kg)	Concentration (%)	EP Toxicity (mg/l)	ASTM Water Leach Test (mg/l)
Arsenic (As)	See attached Sheet "A", "B", and "C".			
Barium (Ba)				
Boron (B)				
Cadmium (Cd)				
Chlorides (Cl)				
Chromium (Cr ⁺⁶)				
COD				
Copper (Cu)				
Cyanide (CN ⁻)				
Fluoride (F)				
Iron (Fe)				
Lead (Pb)				
Manganese (Mn)				
Mercury (Hg)				
Nickel (Ni)				
Nitrate (NO ₃)				
Oil and Grease				
Phenol (C ₆ H ₅ OH)				
Selenium (Se)				
Silver (Ag)				
Sulfates (SO ₄)				
TDS				
Zinc (Zn)				
Endrin				
Lindane				
Methoxychlor				
Toxaphene				
2,4 D				
2,4,5-TP				
PCB				

SHEET "A"

AFC, INC. MANUFACTURES STRUCTURAL FIBERGLASS MATERIALS WHICH CONTAIN APPROXIMATELY 50 TO 70% GLASS BY WEIGHT WITH THE BALANCE BEING MADE UP OF VARIOUS POLYESTER AND VINYL ESTER RESIN SYSTEMS. SHEET "B" CONTAINS A LIST OF RAW MATERIALS USED IN OUR MAJOR RESIN SYSTEMS. I'VE ENCLOSED MATERIAL SAFETY DATA SHEETS FOR EACH SUBSTANCE LISTED.

THE ADDITION OF A CATALYST TO A RESIN SYSTEM CREATES A CHEMICAL REACTION WHERE THE RESIN MIX WILL HEAT UP AND SOLIDIFY, RESULTING IN A POLYMERIZED MATERIAL THAT IS INERT. ONLY PARTICLES FROM THIS HARDENED MATERIAL ENTER THE SETTLING PONDS. THEY POSE NO CHEMICAL HAZARD EITHER NOW OR IN THE FUTURE. ESSENTIALLY, THE SEDIMENT IN THE PONDS IS SIMPLY INERT PIECES OF PLASTIC AND GLASS.

THE POND SLUDGE CONTAINS NO METALS, UNCURED MATERIAL OR OIL. ALSO ENCLOSED IS A COPY OF OUR LATEST WATER ANALYSIS FROM THE DISCHARGE OF THE THIRD SETTLING POND. (SEE ATTACHED SHEET "C".)

SHEET "B"

<u>TRADE NAME</u>	<u>GENERAL DEFINITION</u>
ASHLAND 7221	UNSATURATED POLYESTER RESIN
ASHLAND 7030	UNSATURATED POLYESTER RESIN
HETRON 1540	UNSATURATED POLYESTER RESIN
CARGILL 8491	UNSATURATED POLYESTER RESIN
COREZ 8300-35	VINYL ESTER RESIN
COREZ 8770-1	VINYL ESTER RESIN
COREZ 8400	VINYL ESTER RESIN
LP 90	LOW PROFILE ADDITIVE
STYRENE	STYRENE
ESPEROX 10	CATALYST
ESPEROX 28	CATALYST
PERCADOX 16	CATALYST
USP 245	CATALYST
SYPRON 1301	MOLD RELEASE
ZELEC UN	MOLD RELEASE
EQ 6	MOLD RELEASE
CM 2029	PIGMENT
CM 8000	PIGMENT
SP 9127	ANTIMONY DISPERSION
PDI 1104	PIGMENT
PDI 1199	U.V. STABILIZER
FN 510	POLYETHYLENE POWDER
HYFLEX 632	HYDRATED ALUMINA
DE 83 R	FLAME RETARDANT
ATOMITE	CALCIUM CARBONATE
3M B23/500	GLASS BUBBLES



115 So. 6th St.
Box 2076
La Crosse, WI 54601
(608) 782-3130

SHEET "C"

DISCHARGE MONITORING
REPORT FORM
Name and Address To Which Report is Mailed

Aligned Fiber Composites
Highway 52 South
Chatfield, MN 55923

PERMIT NUMBER			MONTH <u>1111</u> <u>1984</u>											
SAMPLE PT DESCRIPTION	Oils & Grease (mg/l)	pH su	Suspended Solids (mg/l)	Turbidity NTU										
PARAMETER NAME														
PARAMETER UNITS														
MONTHLY AVERAGE	<1.0	7.06	2	<1.0										
DAILY MAXIMUM	<1.0	7.06	2	<1.0										
DAILY MINIMUM	<1.0	7.06	2	<1.0										
PERMIT REQUIREMENTS	LIMIT	LIMIT	LIMIT	LIMIT	LIMIT	LIMIT	LIMIT	LIMIT	LIMIT	LIMIT	LIMIT	LIMIT	LIMIT	LIMIT
MONTHLY AVERAGE														
DAILY MAXIMUM														
DAILY MINIMUM														
WEEKLY AVERAGE														
FREQUENCY OF SAMPLING														
SAMPLE TYPE REQUIRED														
REMARKS	1													1
	2													2
	3													3
	4													4
	5													5
	6													6
	7													7
	8													8
	9													9
	10													10
	11	<1.0	7.06	2	<1.0									11
	12													12
	13													13
	14													14
	15													15
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	25													25
	26													26
	27													27
	28													28
	29													29
	30													30
	31													31
TOTAL	<1.0	7.06	2	<1.0										

I hereby certify that to the best of my knowledge and belief the above information is true, complete and accurate

DAVY LABORATORIES

BY

Paul A. Harris

1984 AUG 3